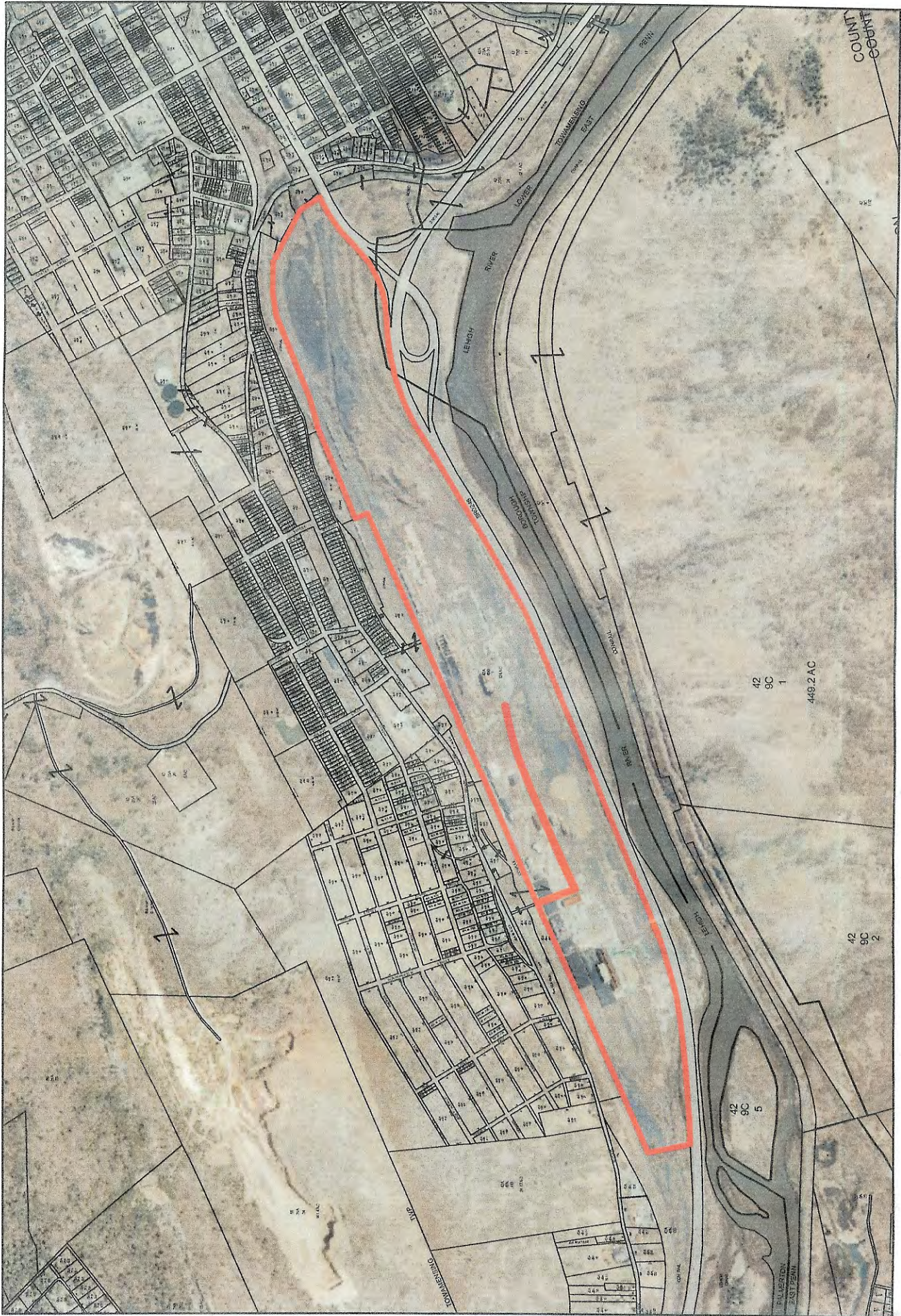
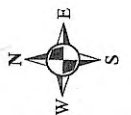


# **Exhibit E**

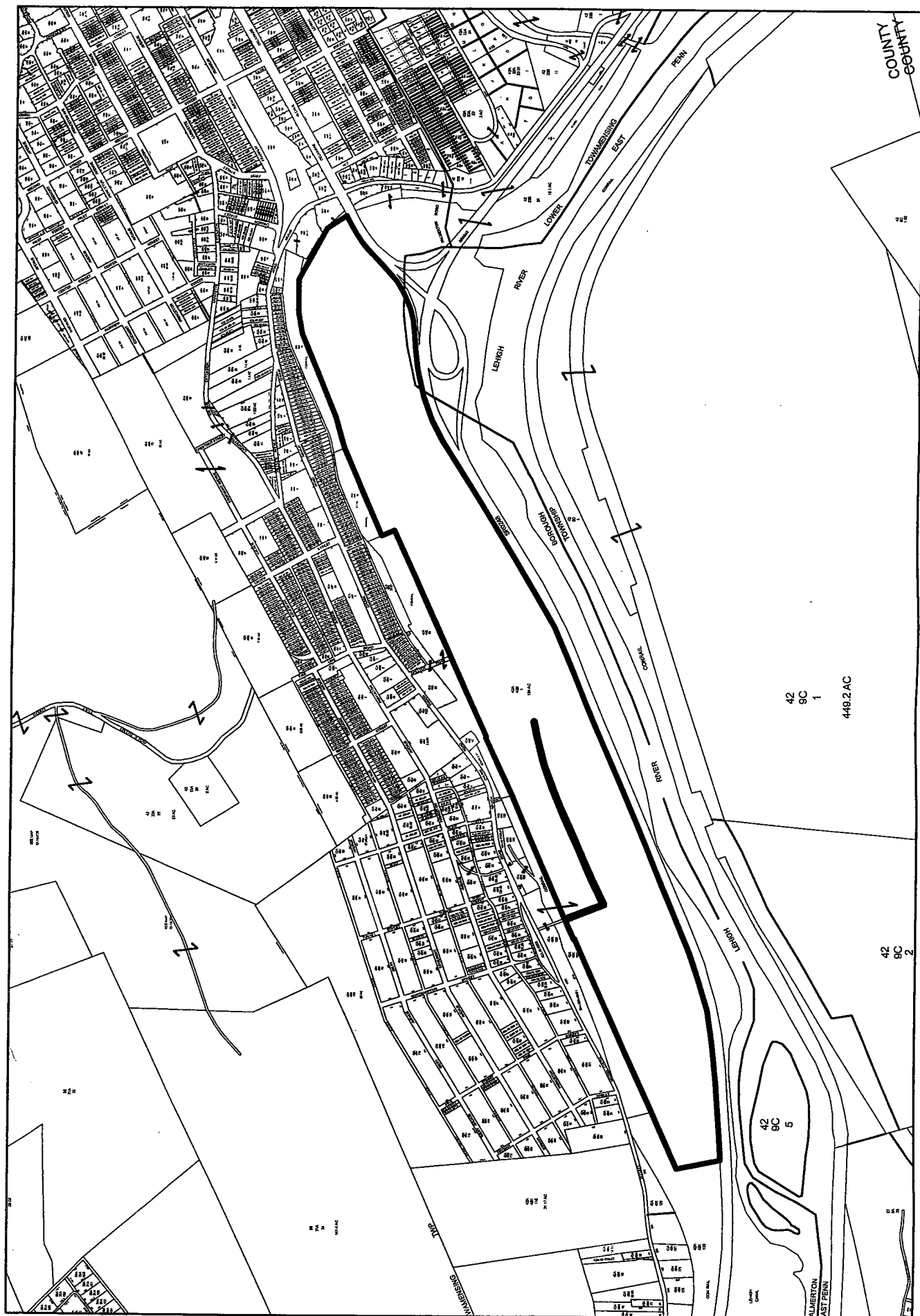




THIS MAP WAS PREPARED FOR THE ASSESSMENT OF REAL PROPERTY FOUND WITHIN THIS JURISDICTION. USERS OF THIS MAP ARE HEREBY NOTIFIED THAT THE AFOREMENTIONED PUBLIC PRIMARY INFORMATION SOURCES SHOULD BE CONSULTED FOR VERIFICATION OF THE INFORMATION CONTAINED ON THIS MAP. THE COUNTY AND THE MAPPING COMPANIES ASSUME NO LEGAL RESPONSIBILITY FOR THE INFORMATION CONTAINED ON THIS MAP.







THIS MAP WAS PREPARED FOR THE ASSESSMENT OF REAL PROPERTY FOUND WITHIN THIS JURISDICTION. USERS OF THIS MAP ARE HEREBY NOTIFIED THAT THE AFOREMENTIONED PUBLIC PRIMARY INFORMATION SOURCES SHOULD BE CONSULTED FOR VERIFICATION OF THE INFORMATION CONTAINED ON THIS MAP. THE COUNTY AND THE MAPPING COMPANIES ASSUME NO LEGAL RESPONSIBILITY FOR THE INFORMATION CONTAINED ON THIS MAP.





Engineers, Designers, Surveyors

COWAN ASSOCIATES, INC.

Richard S. Cowan, PE, Ret.

James R. Leister, PE  
William D. Kee, PE  
Johann E. Szauner, PE  
Dennis G. Engelmann, PE  
Marshall A. Phillips, RS  
Frank M. Adams, PE

Legal Description  
New Jersey Zinc, West Plant  
July 25, 1982  
CAI 53193

ALL THAT CERTAIN tract or parcel of land situate in the Borough of Palmerton, County of Carbon, Commonwealth of Pennsylvania, bounded and described as follows, to wit:

BEGINNING at the northwestern corner of the fence along the West Plant, said corner being designated P.O.B. on a plan showing the West Plant, prepared by Cowan Associates, Inc. and dated July 23, 1982.

THENCE (A) along lands now or formerly of The Central Railroad Company of New Jersey and along the fence line of the West Plant, the following twenty courses:

- (1) Along an 8' high chain link fence and an 8' high wooden fence, S 89° 51' 39" E (at 680.00' passing the end of the chain link fence and the beginning of the wood fence), 975.15' to a post;
- (2) Along said wood fence, N 80° 10' 23" E, 36.86' to a post;
- (3) Along same, S 46° 03' 22" E, 16.26' to a post;
- (4) Along same, N 81° 57' 46" E, 30.66' to a post;
- (5) Along same, S 89° 46' 51" E, 216.17' to a post;
- (6) Along same, N 79° 27' 19" E, 52.37' to a post;
- (7) Along same, S 89° 55' 54" E (at 434' passing the end of the wood fence and the beginning of an 8' high chain link fence), 744.42' to a post;
- (8) Along said chain link fence, N 74° 35' 38" E, 18.20' to a post;
- (9) Along same, S 89° 52' 42" E (at 710' passing the end of the chain link fence and the beginning of a wood fence), 1500.49' to a post;
- (10) Along said wood fence, S 89° 36' 32" E, 1455.33' to a post;
- (11) Along same, S 89° 53' 58" E, 1254.38' to a post;
- (12) Along same, S 89° 54' 15" E, 970.09' to a post;

- (13) Along same, S 80° 38' 06" E, 281.76' to a post;
- (14) Along same, S 66° 23' 17" E, 144.04' to a post;
- (15) Along same, S 56° 33' 15" E, 152.17' to a post;
- (16) Along a corrugated metal fence, S 39° 26' 56" E, 329.51' to a post;
- (17) Along said metal fence, S 71° 06' 11" E, 13.86' to a post at a gate over a railroad track;
- (18) Along said gate, S 0° 50' 29" W, 14.55' to a post;
- (19) Along an 8' high chain link fence, S 38° 54' 48" W, 23.21' to a post;
- (20) Along same, S 08° 48' 47" E, 146.33' to a post;

THENCE (B) along lands now or formerly of New Jersey Zinc and the northerly right-of-way of Route 248 (the following thirty-one courses), S 82° 53' 33" W, 261.70' to a post;

- (21) Along an 8' high chain link fence, N 67° 04' 05" W, 276.06' to a post;
- (22) Along same, N 73° 46' 49" W, 218.87' to a post;
- (23) Along same, N 80° 44' 52" W, 195.79' to a post;
- (24) Along same, N 84° 01' 45" W, 240.09' to a post;
- (25) Along same, N 84° 41' 43" W, 303.12' to a post;
- (26) Along same, S 83° 43' 21" W, 243.63' to a post;
- (27) Along same, S 69° 56' 42" W, 343.61' to a post;
- (28) Along same, S 78° 42' 24" W, 451.10' to a post;
- (29) Along same, S 74° 40' 24" W, 387.56' to a post;
- (30) Along same, S 80° 05' 58" W, 300.13' to a post;
- (31) Along same, S 83° 35' 45" W, 483.60' to a post;
- (32) Along same, N 89° 50' 46" W, 318.66' to a post;
- (33) Along same, N 88° 28' 28" W, 818.22' to a post;
- (34) Along same, N 80° 16' 59" W, 378.84' to a post;

- (35) Along same, N 86° 58' 54" W, 296.14' to a post;
- (36) Along same, S 89° 26' 31" W, 554.69' to a post;
- (37) Along same, S 87° 58' 24" W, 182.74' to a post;
- (38) Along same, S 88° 39' 44" W, 437.01' to a post;
- (39) Along same, N 88° 35' 22" W, 80.34' to a post;
- (40) Along same, N 83° 54' 06" W, 70.71' to a post;
- (41) Along same, N 81° 03' 08" W, 70.75' to a post;
- (42) Along same, N 76° 23' 51" W, 68.83' to a post;
- (43) Along same, N 72° 32' 37" W, 83.78' to a post;
- (44) Along same, N 68° 04' 13" W, 114.51' to a post;
- (45) Along same, N 64° 19' 50" W, 38.25' to a post;
- (46) Along same, N 58° 27' 11" W, 56.76' to a post;
- (47) Along same, N 51° 36' 50" W, 57.44' to a post;
- (48) Along same, N 46° 12' 35" W, 50.34' to a post;
- (49) Along same, N 83° 51' 10" W, 266.14' to a post;
- (50) Along same, N 35° 34' 35" W, 150.66' to a post;
- (51) Along same, N 72° 22' 28" W, 500.34' to a post;

THENCE (C) along other lands now or formerly of New Jersey Zinc,  
N 07° 17' 56" E, 248.89' to the place of beginning.

Containing 119.573 acres, more or less.

West PLANT  
UN-Rotated IN ACCORDANCE WITH DEED BEARINGS

page 1

Project: HRD-Cowen Assoc East and West Plants  
Parcel Map Check

Wed May 27 12:40:06 2009

-----  
Parcel name: 5

North: 556165.7339	East : 2562228.2275
Line Course: S 89-51-39 E	Length: 975.15
North: 556163.3654	East : 2563203.3746
Line Course: N 80-10-23 E	Length: 36.86
North: 556169.6564	East : 2563239.6938
Line Course: S 46-03-22 E	Length: 16.26
North: 556158.3727	East : 2563251.4013
Line Course: N 81-57-46 E	Length: 30.66
North: 556162.6595	East : 2563281.7602
Line Course: S 89-46-51 E	Length: 216.17
North: 556161.8326	East : 2563497.9286
Line Course: N 79-27-19 E	Length: 52.37
North: 556171.4165	East : 2563549.4142
Line Course: S 89-55-54 E	Length: 744.42
North: 556170.5286	East : 2564293.8337
Line Course: N 74-35-38 E	Length: 18.20
North: 556175.3636	East : 2564311.3797
Line Course: S 89-52-42 E	Length: 1500.49
North: 556172.1774	East : 2565811.8663
Line Course: S 89-36-32 E	Length: 1455.33
North: 556162.2431	East : 2567267.1624
Line Course: S 89-53-58 E	Length: 1254.38
North: 556160.0416	East : 2568521.5405
Line Course: S 89-54-15 E	Length: 970.09
North: 556158.4190	East : 2569491.6291
Line Course: S 80-38-06 E	Length: 281.76
North: 556112.5701	East : 2569769.6337
Line Course: S 66-23-17 E	Length: 144.04
North: 556054.8763	East : 2569901.6146
Line Course: S 56-33-15 E	Length: 152.17
North: 555971.0081	East : 2570028.5864
Line Course: S 39-26-56 E	Length: 329.51
North: 555716.5632	East : 2570237.9536
Line Course: S 71-06-11 E	Length: 13.86
North: 555712.0744	East : 2570251.0666
Line Course: S 00-50-29 W	Length: 14.55
North: 555697.5260	East : 2570250.8529
Line Course: S 38-54-48 W	Length: 23.21

Project: HRD-Cowen Assoc East and West Plants

Wed May 27 12:40:06 2009

## Parcel Map Check

	North: 555679.4664	East : 2570236.2737
Line	Course: S 08-48-47 E	Length: 146.33
	North: 555534.8640	East : 2570258.6931
Line	Course: S 82-53-33 W	Length: 261.70
	North: 555502.4835	East : 2569999.0040
Line	Course: N 67-04-05 W	Length: 276.06
	North: 555610.0468	East : 2569744.7615
Line	Course: N 73-46-49 W	Length: 218.87
	North: 555671.1820	East : 2569534.6031
Line	Course: N 80-44-52 W	Length: 195.79
	North: 555702.6612	East : 2569341.3603
Line	Course: N 84-01-45 W	Length: 240.09
	North: 555727.6359	East : 2569102.5728
Line	Course: N 84-41-43 W	Length: 303.12
	North: 555755.6602	East : 2568800.7510
Line	Course: S 83-43-21 W	Length: 243.63
	North: 555729.0207	East : 2568558.5818
Line	Course: S 69-56-42 W	Length: 343.61
	North: 555611.1893	East : 2568235.8070
Line	Course: S 78-42-24 W	Length: 451.10
	North: 555522.8494	East : 2567793.4414
Line	Course: S 74-40-24 W	Length: 387.56
	North: 555420.4088	East : 2567419.6652
Line	Course: S 80-05-58 W	Length: 300.13
	North: 555368.8049	East : 2567124.0048
Line	Course: S 83-35-45 W	Length: 483.60
	North: 555314.8635	East : 2566643.4226
Line	Course: N 89-50-46 W	Length: 318.66
	North: 555315.7194	East : 2566324.7637
Line	Course: N 88-28-28 W	Length: 818.22
	North: 555337.5027	East : 2565506.8338
Line	Course: N 80-16-59 W	Length: 378.84
	North: 555401.4437	East : 2565133.4288
Line	Course: N 86-58-54 W	Length: 296.14
	North: 555417.0371	East : 2564837.6996
Line	Course: S 89-26-31 W	Length: 554.69
	North: 555411.6345	East : 2564283.0359
Line	Course: S 87-58-24 W	Length: 182.74
	North: 555405.1720	East : 2564100.4102
Line	Course: S 88-39-44 W	Length: 437.01
	North: 555394.9694	East : 2563663.5193
Line	Course: N 88-35-22 W	Length: 80.34
	North: 555396.9470	East : 2563583.2037



Project: HRD-Cowen Assoc East and West Plants  
Parcel Map Check

Wed May 27 12:40:06 2009

Line	Course: N 83-54-06 W	Length: 70.71	
	North: 555404.4589		East : 2563512.8938
Line	Course: N 81-03-08 W	Length: 70.75	
	North: 555415.4630		East : 2563443.0048
Line	Course: N 76-23-51 W	Length: 68.83	
	North: 555431.6507		East : 2563376.1054
Line	Course: N 72-32-37 W	Length: 83.78	
	North: 555456.7830		East : 2563296.1839
Line	Course: N 68-04-13 W	Length: 114.51	
	North: 555499.5490		East : 2563189.9595
Line	Course: N 64-19-50 W	Length: 38.25	
	North: 555516.1180		East : 2563155.4845
Line	Course: N 58-27-11 W	Length: 56.76	
	North: 555545.8147		East : 2563107.1129
Line	Course: N 51-36-50 W	Length: 57.44	
	North: 555581.4825		East : 2563062.0889
Line	Course: N 46-12-35 W	Length: 50.34	
	North: 555616.3188		East : 2563025.7496
Line	Course: N 83-51-10 W	Length: 266.14	
	North: 555644.8180		East : 2562761.1399
Line	Course: N 35-34-35 W	Length: 150.66	
	North: 555767.3559		East : 2562673.4877
Line	Course: N 72-22-28 W	Length: 500.34	
	North: 555918.8564		East : 2562196.6359
Line	Course: N 07-17-56 E	Length: 248.89	
	North: 556165.7296		East : 2562228.2562
Line	Course: N 81-25-06 W	Length: 0.03	<i>ERROR COURSE</i>
	North: 556165.7341		East : 2562228.2265

Perimeter: 16925.14 Area: 5,208,641.008 sq. ft. 119.574 acres

Mapcheck Closure - (Uses listed courses, radii, and deltas)

Error Closure: 0.0010 Course: N 81-25-16 W

Error North: 0.00015 East : -0.00100

Precision 1: 16,925,140.00



CHECKED MAY 27 2009

West Plant Rotated & Translated  
to PA STATE PLANE COORDINATES

page 1

Project: HRD-Cowen Assoc East and West Plants  
Parcel Map Check

Tue May 26 18:29:06 2009

-----  
Parcel name: 4

North: 538370.3513	East : 2551182.1352
Line Course: N 66-33-00 E	Length: 975.15
North: 538758.4109	East : 2552076.7453
Line Course: N 56-35-02 E	Length: 36.86
North: 538778.7103	East : 2552107.5121
Line Course: S 69-38-43 E	Length: 16.26
North: 538773.0546	East : 2552122.7568
Line Course: N 58-22-25 E	Length: 30.66
North: 538789.1320	East : 2552148.8633
Line Course: N 66-37-48 E	Length: 216.17
North: 538874.8796	East : 2552347.2993
Line Course: N 55-51-58 E	Length: 52.37
North: 538904.2659	East : 2552390.6474
Line Course: N 66-28-45 E	Length: 744.42
North: 539201.3509	East : 2553073.2173
Line Course: N 51-00-17 E	Length: 18.20
North: 539212.8033	East : 2553087.3623
Line Course: N 66-31-57 E	Length: 1500.49
North: 539810.3417	East : 2554463.7409
Line Course: N 66-48-07 E	Length: 1455.33
North: 540383.6118	East : 2555801.4056
Line Course: N 66-30-41 E	Length: 1254.38
North: 540883.5660	East : 2556951.8468
Line Course: N 66-30-24 E	Length: 970.09
North: 541270.2849	East : 2557841.5226
Line Course: N 75-46-33 E	Length: 281.76
North: 541339.5179	East : 2558114.6444
Line Course: S 89-58-38 E	Length: 144.04
North: 541339.4607	East : 2558258.6844
Line Course: S 80-08-36 E	Length: 152.17
North: 541313.4116	East : 2558408.6082
Line Course: S 63-02-17 E	Length: 329.51
North: 541164.0122	East : 2558702.3031
Line Course: N 85-18-28 E	Length: 13.86
North: 541165.1460	East : 2558716.1166
Line Course: S 22-44-52 E	Length: 14.55
North: 541151.7278	East : 2558721.7427
Line Course: S 15-19-27 W	Length: 23.21

Project: HRD-Cowen Assoc East and West Plants

Tue May 26 18:29:06 2009

## Parcel Map Check

	North: 541129.3430	East : 2558715.6088
Line	Course: S 32-24-08 E Length: 146.33	
	North: 541005.7955	East : 2558794.0211
Line	Course: S 59-18-12 W Length: 261.70	
	North: 540872.1995	East : 2558568.9900
Line	Course: S 89-20-34 W Length: 276.06	
	North: 540869.0330	East : 2558292.9482
Line	Course: S 82-37-50 W Length: 218.87	
	North: 540840.9593	East : 2558075.8861
Line	Course: S 75-39-47 W Length: 195.79	
	North: 540792.4770	East : 2557886.1937
Line	Course: S 72-22-54 W Length: 240.09	
	North: 540719.8078	East : 2557657.3654
Line	Course: S 71-42-56 W Length: 303.12	
	North: 540624.7085	East : 2557369.5498
Line	Course: S 60-08-00 W Length: 243.63	
	North: 540503.3849	East : 2557158.2771
Line	Course: S 46-21-21 W Length: 343.61	
	North: 540266.2330	East : 2556909.6271
Line	Course: S 55-07-03 W Length: 451.10	
	North: 540008.2510	East : 2556539.5778
Line	Course: S 51-05-03 W Length: 387.56	
	North: 539764.7943	East : 2556238.0291
Line	Course: S 56-30-37 W Length: 300.13	
	North: 539599.1863	East : 2555987.7253
Line	Course: S 60-00-24 W Length: 483.60	
	North: 539357.4350	East : 2555568.8873
Line	Course: S 66-33-53 W Length: 318.66	
	North: 539230.6999	East : 2555276.5136
Line	Course: S 67-56-11 W Length: 818.22	
	North: 538923.3472	East : 2554518.2139
Line	Course: S 76-07-40 W Length: 378.84	
	North: 538832.5175	East : 2554150.4236
Line	Course: S 69-25-45 W Length: 296.14	
	North: 538728.4642	East : 2553873.1660
Line	Course: S 65-51-10 W Length: 554.69	
	North: 538501.5502	East : 2553367.0128
Line	Course: S 64-23-03 W Length: 182.74	
	North: 538422.5453	East : 2553202.2338
Line	Course: S 65-04-23 W Length: 437.01	
	North: 538238.3620	East : 2552805.9330
Line	Course: S 67-49-17 W Length: 80.34	
	North: 538208.0341	East : 2552731.5373

Project: HRD-Cowen Assoc East and West Plants  
Parcel Map Check

Tue May 26 18:29:06 2009

Line	Course: S 72-30-33 W	Length: 70.71	
	North: 538186.7819		East : 2552664.0965
Line	Course: S 75-21-31 W	Length: 70.75	
	North: 538168.8986		East : 2552595.6440
Line	Course: S 80-00-48 W	Length: 68.83	
	North: 538156.9622		East : 2552527.8569
Line	Course: S 83-52-02 W	Length: 83.78	
	North: 538148.0117		East : 2552444.5564
Line	Course: S 88-20-26 W	Length: 114.51	
	North: 538144.6956		East : 2552330.0944
Line	Course: N 87-55-11 W	Length: 38.25	
	North: 538146.0841		East : 2552291.8696
Line	Course: N 82-02-32 W	Length: 56.76	
	North: 538153.9421		East : 2552235.6562
Line	Course: N 75-12-11 W	Length: 57.44	
	North: 538168.6120		East : 2552180.1211
Line	Course: N 69-47-56 W	Length: 50.34	
	North: 538185.9952		East : 2552132.8777
Line	Course: S 72-33-29 W	Length: 266.14	
	North: 538106.2226		East : 2551878.9745
Line	Course: N 59-09-56 W	Length: 150.66	
	North: 538183.4448		East : 2551749.6100
Line	Course: S 84-02-11 W	Length: 500.34	
	North: 538131.4610		East : 2551251.9778
Line	Course: N 16-17-25 W	Length: 248.89	
	North: 538370.3588		East : 2551182.1632
Line	Course: S 74-59-34 W	Length: 0.03	
	North: 538370.3510		East : 2551182.1342

Perimeter: 16925.14 Area: 5,208,641.008 sq. ft. 119.574 acres

Mapcheck Closure - (Uses listed courses, radii, and deltas)

Error Closure: 0.0010 Course: S 74-59-53 W

Error North: -0.00026 East : -0.00098

Precision 1: 16,925,140.00



CHECKED MAY 27 2009